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Application Number	10/604,032
Filing Date	06/23/2003
First Named Inventor	TWITCHELL et al.
Art Unit	
Examiner Name	
Total Number of Pages in This Submission	6
Attorney Docket Number	12123-40951

ENCLOSURES (Check all that apply)

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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Chad D. TILLMAN [38,634] MORRIS, MANNING & MARTIN, LLP
Signature	
Date	August 18, 2003

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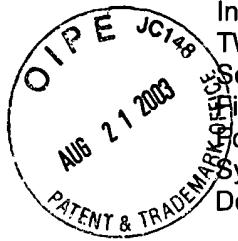
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re U.S. Patent Application of:)
TWITCHELL et al.)
Serial No. 10/604,032) Art Unit:
Filed June 23, 2003)
For: Network Formation in Asset-Tracking) Examiner:
System Based on Asset Class)
Docket No. 12123-40951)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In compliance with the Applicant's duty of disclosure under 37 CFR §1.56, Applicant brings the attached document or documents cited on the attached form PTO/SB/08 to the attention of the U.S. Patent and Trademark Office in accordance with the provisions of 37 CFR §1.97-98. Each reference listed on the attached forms can be found in parent US patent application serial no. 09/681,282, which was filed on March 13, 2001.

Nothing herein—including the submission of the documents themselves, whether in this or any other filing—constitutes an admission by Applicant that any of the documents is prior art with respect to the present invention, or a waiver of any rights of Applicant. Indeed, while each citation includes a date, it should be understood that, whether expressly stated or not, the date specified in the citation is a date as alleged by the document or otherwise, and Applicant neither admits nor denies the correctness of the specified date at this time. Moreover, with regard to non-patent documents, Applicant neither admits nor denies that each document submitted is, in fact, a “publication” within the meaning of 35 U.S.C. §102.

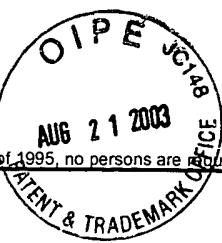
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 24

Complete if Known

Application Number	10/604,032
Filing Date	06/23/2003
First Named Inventor	TWITCHELL
Art Unit	
Examiner Name	
Attorney Docket Number	12123-40951

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1	US-	5,040,238	08/13/1991	Comroo et al.	
2	US-	5,117,501	05/26/1992	Childress et al.	
3	US-	5,129,096	07/07/1992	Burns	
4	US-	5,295,154	03/15/1994	Meier et al.	
5	US-	5,331,637	07/19/1994	Francis et al.	
6	US-	5,369,784	11/29/1994	Nelson	
7	US-	5,425,051	06/13/1995	Mahany	
8	US-	5,442,758	08/15/1995	Slingwine et al.	
9	US-	5,511,232	04/23/1996	O'Dea et al.	
10	US-	5,604,892	02/18/1997	Nuttall et al.	
11	US-	5,652,751	07/29/1997	Sharony	
12	US-	5,682,379	10/28/1997	Mahany et al.	
13	US-	5,761,195	06/02/1998	Lu et al.	
14	US-	5,890,054	03/30/1999	Logsdon et al.	
15	US-	5,907,491	05/25/1999	Canada et al.	
16	US-	5,917,423	06/19/1999	Duvall	
17	US-	5,950,124	09/07/1999	Trompower et al.	
18	US-	5,974,236	10/26/1999	Sherman	
19	US-	6,005,884	12/21/1999	Cook et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	Date Considered
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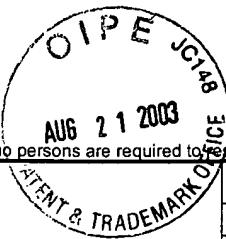
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

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Application Number	10/604,032
Filing Date	June 23, 2003
First Named Inventor	TWITCHELL
Art Unit	
Examiner Name	

Attorney Docket Number 12123-40951

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
20	US- 6,006,100		12/21/1999	Koenck et al.	
21	US- 6,091,724		07/18/2000	Chandra et al.	
22	US- 6,097,707		08/01/2000	Hodzic et al.	
23	US- 6,125,306		09/26/2000	Shimada et al.	
24	US- 6,127,976		10/03/2000	Boyd et al.	
25	US- 6,134,587		10/17/2000	Okanoue	
26	US- 6,201,974		03/13/2001	Lietsalmi et al.	
27	US- 6,313,745		11/06/2001	Suzuki	
28	US- 6,405,102		06/11/2002	Swartz et al.	
29	US- 6,418,299		07/09/2002	Ramanathan	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
A	WO 00/68907		11/16/2000	Werb et al.		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

3

of

24

Application Number

10/604,032

Filing Date

June 23, 2003

First Named Inventor

TWITCHELL

Art Unit

Examiner Name

Attorney Docket Number

12123-40951

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Publication No. US 2001/0000019 A1, Publication Date, March 15, 2001, Bowers et al., Class 340	
	2	Ram Ramanathan et al., Hierarchically-Organized, Multihop Mobile Wireless Networks for Quality-of-Service Support, pp. 1-35, 1998	
	3	Guangyu Pei et al., Mobility Management in Hierarchical Multi-hop Mobile Wireless Networks, 6 pages 1999	
	4	http://www.iprg.nokia.com/charliep/txt/manet/term.txt, Mobile Ad Hoc Networking Terminology, C. Perkins, November 17, 1998, visited 11/13/2000	
	5	Daniel Lihui Gu et al., C-ICAMA, A Centralized Intelligent Channel Assigned Multiple Access for Multi-Layer Ad-Hoc Wireless Networks with UAVs, 6 pages, 2000	
	6	Daniel Lihui Gu et al., Hierarchical Routing for Multi-Layer Ad-Hoc Wireless Networks with UAV's, 5 pages, 2000	
	7	Atsushi Iwata, et al., Scalable Routing Strategies for Ad Hoc Wireless Networks, 1999, pp. 1-26	
	8	http://www.cs.ucla.edu/NRL/wireless/PAPER/draft-ietf-manet-admfp-02.txt, On-Demand Multicast Routing Protocol (ODMRP) for Ad Hoc Networks, January 2000, visited 11/13/00	
	9	Guangyu Pei, et al., A Wireless Hierarchical Routing Protocol with Group Mobility, 1999, 5 pages	
	10	http://sameh.html + 22link + allocation %22 +(network +or +networks) +)wireless+or+mobile)&hl, Self-Configuration of a Wireless ad-hoc Network, visited 11/13/2000	

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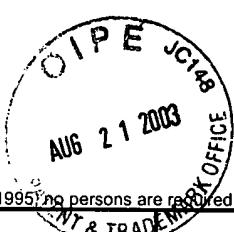
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First Named Inventor	TWITCHELL		
Art Unit			
Examiner Name			
Sheet 21	of 21	Attorney Docket Number	12123-40951

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	11	J.J. Gardia-Luna-Aceves et al., Source-Tree Routing in Wireless Networks, 1999, 10 pages	
	12	Jean-Pierre Hubaux ex al., Toward Self-Organized Mobile Ad Hoc Networks: The Terminodes Project, IEEE Communications Magazine, January 2001	
	13	Jaap Haartsen et al., Bluetooth: Vision, Goals, and Architecture, Mobile Computing & Communications Review, Vol. 1, No 2, 1998	
	14	Jaap Haartsen, Bluetooth -- The Universal Radio Interface for Ad Hoc, Wireless Connectivity, Ericsson Review, No. 3, pp. 110-117, 1998	
	15	Ezio Valdevit, Cascading in Fibra Channel: How to Build a Multi-Switch Fabric, pp. 1-12.	

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